2.21 Equipment Price Inputs – Other, Utilization, Discount, Units Required and DS1 System Capacity

2.21.1 Definition

The inputs are provided on the same basis as the material cost definition provided previously in sections 2.3 - 2.20.

Other includes the engineering and installation labor required to install the component of equipment.

Utilization is the percentage of capacity of the equipment that will be working. For the items shown as NA the model calculates a specific utilization on a ring by ring basis.

Discount is the manufacturer's discount percent off of the material list price to the Telco when purchased.

Units Required is the number of components required when costing out a SONET ring.

DS1 System Capacity is the component's capacity on a DS1 basis.

2.21.2 Default Input Value

Description	Other	Utilization	Discount	Units Required	DS1 System Capacity
iber Tip Cable (Per Fiber)	$ 8	57.0%	20.0%	2	Varies
iber Patch Panel (Per Fiber)	$ 13	57.0%	47.5%	2	Varies
ONET Terminal (OC3)	$ 3,190	NA	41.5%	1	84
DS3 Card	$ 384	67.0%	42.0%	1	28
DS1 Card	$ 31	95.0%	51.0%	1	1
ONET Terminal (OC12)	$ 4,950	NA	45.0%	1	336
OC3 Card	$ 506	NA	35.0%	1	84
3 DS3 Card (OC12)	$ 456	67.0%	36.0%	1	84
ONET Terminal (OC48)	$ 11,040	NA	41.0%	1	1344
OC3 Card	$ 514	NA	57.0%	1	84
3 DS3 Card	$ 429	67.0%	56.0%	1	84
SX3 Cross Connect Shelf	$ 97	81.0%	38.0%	1	448
DSX3 Cross Connect Card	$ 41	67.0%	20.0%	1	28
SX1 Cross Connect Jack Field	$ 785	80.0%	47.5%	1	56
hannel Bank Shelf	$ 735	80.0%	20.0%	1	2
Channel Bank Card	$ 32	80.0%	20.0%	1	0.041667
iber Repeater (OC3)	$ 3,750	NA	52.0%	2	NA
iber Repeater (OC12)	$ 4,500	NA	56.0%	2	NA
iber Repeater (OC48)	$ 8,250	NA	46.0%	2	NA

2.21.3 Source

These inputs are INDETEC estimate based on consultation with BellSouth, Sprint, and US West subject matter experts. We recommend that the user request specific study to obtain this data. Telco engineering departments may have data that can be used

OTHER – We recommend that the user request specific studies to obtain this data. Telco engineering departments may have data that can be used.

UTILIZATION – We recommend that the user request specific study to obtain this data. Telco engineering departments may have data that can be used.

DISCOUNT – We recommend that the user request specific studies to obtain this data from the local purchasing / procurement department. This data is considered confidential and is protected by purchasing contracts.

UNITS REQUIRED – We recommend that the user request specific study to obtain this data. Telco engineering departments may have data that can be used. Please note that the units required associated with the Fiber Repeater (OC3, OC12, OC48) are associated with the quantity of fibers required for a SONET ring, not the number of Fiber Repeaters.

DS1 SYSTEM CAPACITY – We recommend that the user request specific study to obtain this data. Telco engineering departments may have data that can be used.